

# PERFORM BREAK PROCESSING

**PERFORM BREAK** [**PROCESSING**] [(*r*)]  
**AT BREAK** *statement...*

Related Statement: AT BREAK

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## Function

This statement is used to establish break processing in loops created by FOR, REPEAT, CALL LOOP and CALL FILE statements where no automatic break processing is established, or whenever a user-initiated break processing is desired. Unlike automatic break processing which is executed immediately after the record is read, the PERFORM BREAK statement is executed when it is encountered in the normal flow of the program.

This statement causes a check for a break processing condition (based on the value of a control field) and also results in the evaluation of Natural system functions. This check and system function evaluation are performed each time the statement is encountered for execution. This statement may be executed depending on a condition specified in an IF statement.

## Statement Reference Notation - *r*

By default, the final PERFORM BREAK condition is true at the end of execution of the program, subprogram or subroutine.

The (*r*) notation may be used to relate the final processing of a PERFORM BREAK to a specific loop. In this case the PERFORM BREAK is executed in the loop end handling of this loop; after the final automatic BREAK processing and before the AT END OF DATA statements are executed.

## **AT BREAK** *statement...*

See the syntax of the AT BREAK statement.

## Example

```

/* EXAMPLE 'PBPEX1': PERFORM BREAK PROCESSING
/*****
DEFINE DATA LOCAL
1 #INDEX (N2)
1 #LINE (N2) INIT <1>
END-DEFINE
/*****
FOR #INDEX 1 TO 18
PERFORM BREAK PROCESSING
    AT BREAK OF #INDEX /1/
        WRITE NOTITLE / 'PLEASE COMPLETE LINES 1-9 ABOVE' /
        RESET INITIAL #LINE
    END-BREAK
    WRITE NOTITLE ' _' (64) '=' #LINE
    ADD 1 TO #LINE
END-FOR
/*****
END

```

```

_____ #LINE: 1
_____ #LINE: 2
_____ #LINE: 3
_____ #LINE: 4
_____ #LINE: 5
_____ #LINE: 6
_____ #LINE: 7
_____ #LINE: 8
_____ #LINE: 9

PLEASE COMPLETE LINES 1-9 ABOVE

_____ #LINE: 1
_____ #LINE: 2
_____ #LINE: 3
_____ #LINE: 4
_____ #LINE: 5
_____ #LINE: 6
_____ #LINE: 7
_____ #LINE: 8
_____ #LINE: 9

PLEASE COMPLETE LINES 1-9 ABOVE

```

Equivalent reporting-mode example: See the program PBPEX1R in the library SYSEXRM.